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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2
PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 22nd August 1981

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

16*th July*, 1981

794/Cal/81. Cable Belt Limited. Improvements in or relating to conveyor belts. (July 16, 1980).

795/Cal/81. Klockner-Werke Aktiengesellschaft. Apparatus for concentrically guiding the leading end of thin hot-rolled flat strip.

796/Cal/81. Metal Box India Limited (formerly known as The Metal Box Company of India Limited). Improved heat exchanger.

797/Cal/81. D. Ferziger and J. Lippman. Coated fabric and mattress ticking.

798/Cal/81. Uralsky Politekhnichesky Institut Imeni S. M. Kirova and Zapadno-Sibirsky Metallurgichesky Zavod Imeni 50-Letia Velikogo Oktyabrya. Method and roll pass design for rolling H-sections in continuous mill.

17*th July*, 1981

799/Cal/81. A. Datta. A method and device for spraying liquid based chemicals.

800/Cal/81. American Cyanamid Company. Elecrochromic display device with improved erasing characteristic.

801/Cal/81. H. Ishizuka. Process for separation of zirconium and hafnium tetrachlorides from a mixture comprising such chlorides and apparatus therefor.

802/Cal/81. Westinghouse Electric Corporation. Method of making a transformer or like core from amorphorus strip metal.

803/Cal/81. D. R. Turner. Transportation of cargoes. (July 17. 1980). (March 12, 1981).

804/Cal/81. P. J. Griffin. Motion conversion device.

805/Cal/81. R. B. Earle. Toothbrush.

18*th July*, 1981

806/Cal/81. W. J. Gartner. Water purification system.

807/Cal/81. Dresser Europe S.A. Mining machine. (July 18, 1980).

808/Cal/81. Calcutta Fan Works Private Limited. Improvements in or relating to ventilator or exhaust fan.

20th July, 1981

809/Cal/81. Laboratori Prophin S.p.A. Amide derivatives of p-isobutyl-phenyl-propionic acid, process for their preparation and related pharmaceutical compositions.

810/Cal/81. G. Gessi. Convertible scooter.

811/Cal/81. N. Choustoulakis. Apparatus for dispensing a material into the atmosphere.

812/Cal/81. Akzo Nv. Dialysis membrane of cellulose.

813/Cal/81. Degussa Aktiengesellschaft. Process for the purification of nicotinic acid amide I.

814/Cal/81. Degussa Aktiengesellschaft. Process for the purification of nicotinic acid amide II.

815/Cal/81. Siemens Aktiengesellschaft. A device for use in bridging brief mains failures in a voltage intermediate circuit static frequency changer.

816/Cal/81. RCA Corporation. Process for tapering openings in glass coatings.

21st July, 1981

817/Cal/81. Linde Aktiengesellschaft. Method for the conversion of a carbon monoxide-containing gas.

818/Cal/81. Palitex Project-Company G.m.b.H. Pull-off aid for drawing threads from bobbins of all kinds.

819/Cal/81. United Catalysts Inc. Catalyst and process for steam reforming of hydrocarbons.

820/Cal/81. Combustion Engineering, Inc. Char binder for fluidized beds.

22nd July, 1981

821/Cal/81. Voest-Alpine Aktiengesellschaft. Apparatus for removing dust particles from an air stream.

822/Cal/81. Voest-Alpine Aktiengesellschaft. Device for mixing water with flowing air, particularly for dust-collecting plants for mine operations.

823/Cal/81. Voest-Alpine Aktiengesellschaft. Cutting machine.

824/Cal/81. Vsesojuzny Nauchno-Issledovatelsky I Proektnokonstruktorsky Institut Atomnogo Enpergeticheskogo Mashinostroenia. Feeder of bulk materials.

825/Cal/81. Stamicarbon B. V. Process for the preparation of copolymers of ethylene with at least one other 1-alkene.

826/Cal/81. Stamicarbon B.V. Process for the preparation of copolymers of ethylene with at least one other 1-alkene.

827/Cal/81. Adnovum AG. Improvements in and relating to the application of reactable reagents with substrates. (July 22. 1980). (March 2, 1981).

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH TODI ESTATES, 3RD FLOOR, LOWER PAREI (WEST), BOMBAY-400013

22nd June 1981

178/Bom/81. M/s. Camphor and allied products Limited. [Divisional date June 7th, 1979]. A process for the preparation of (−) menthone and (+)-isomenthone.

179/Bom/81. Raj Industries. Improvements in or relating to falls used in irrigations.

23rd June 1981

180/Bom/81. Padmanna Jambu Chaugule. Roofs and/or upper floors with composite materials for buildings.

25th June 1981

181/Bom/81. Figurette Private Ltd. A fibreglass Geyser.

26th June 1981

182/Bom/81. J. Mangsun & Co. Bearing cage for cylindrical roller bearings.

183/Bom/81. Keki Cavasji Darbary. Universal combination machine tool.

184/Bom/81. Hari Vaman Kane. The shock absorber attachments for both wheels of (Pnuematic) Cycle.

27th June 1981

185/Bom/81. Display Systems. Quick mounting and easy dismantling type panel and structural framework.

186/Bom/81. Bharti Stove Industries. An improved circular wick stove.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

13th July, 1981

131/Mas/81. United Technologies. A chair.

15th July, 1981

132/Mas/81. Mathew Verghese. Manufacture of light weight metal panels.

17th July, 1981

133/Mas/81. K. G. Panje. A novel solar heater.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patent Rules, 1972.

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A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 126B 149024.

Int. Cl.-G01v 1/00.

APPARATUS FOR DETERMINING A PHYSICAL CHARACTERISTIC OF SUB-SURFACE MEDIA NEAR A BOREHOLE.

Applicant : SCHLUMBERGER OVERSEAS, S.A., OF VIA ESPANA 200, PANAMA CITY, PANAMA.

Inventor : NICK AUGUST SCHUSTER.

Application No. 595/Cal/77 filed April 19, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Apparatus for determining a physical characteristic of subsurface media near a borehole penetrating the earth which employs multiple transmitter and receiver type transducers supported along a support member adapted for movement through said borehole and elongated generally along a direction parallel to its direction of movement through said borehole, comprising :

(a) a first group of transducers of a first type supported for movement through said borehole with adjacent transducers of said first group being separated from each other by a preselected separation along a line generally parallel to the elongated direction of said support member;

(b) a second group of transducers of a second type supported for movement through said borehole and located on one side of said first group in a direction therefrom parallel to said elongated direction with adjacent transducers of said second group being separated from each other by said preselected separation along said line;

(c) the transducers of said first and second group, respectively, having common operating characteristics;

(d) means for producing measurements of said physical characteristic of subsurface media at different depths of the support member in said borehole; and

(e) means for combining said measurements taken at different selected depths of the support member in said borehole to provide compensation for variations in the borehole and/or misalignment of transducers therein.

Comp. Specn. 70 pages. Drg. 10 sheets.

CLASS 126A 149025.

Int. Cl.-G01n 27/10.

APPARATUS FOR IDENTIFYING A MOULD.

Applicant : EMHART ZURICH S.A., OF SEEFELD-STRASSE 224, 8008 ZURICH, SWITZERLAND.

Inventor : RENE KELLER.

Application No. 877/Cal/77 filed June 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Apparatus for identifying a mould in which a vessel, made of optically transparent material has been moulded, comprising a device for supporting and transporting the vessel, a reading location and an illuminating device, to illuminate in this reading location at least temporarily an area on the vessel with incident light, in which area a multisectional marking, consisting of a first group of identifying marks and a second group of timing marks in moulded, and a reading device intended to receive the light reflected by the marking and to generate corresponding electrical signals, wherein the supporting and transporting device is a rotating device and the optical axis of the illuminating and reading devices (29, 41, 33') are disposed in the same plane oriented transversely to the rotational axis (26') of the rotating device or in conical or cylindrical surfaces disposed symmetrically to the rotational axis.

Comp. Specn. 31 pages. Drg. 3 sheets.

CLASS 206E 149026.

Int. Cl.-G06g 7/00.

DIMENSION MEASURING AND DATA PROCESSING SYSTEM.

Applicant : ASSOCIATED ENGINEERING LIMITED, OF 60 KENILWRTH ROAD, LEAMINGTON SPA, WARWICKSHIRE, ENGLAND.

Inventor : MICHAEL HANSFORD.

Application No. 1289/Cal/77 filed August 18, 1977.

Convention date August 19, 1976/(34535/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A dimension measuring and data processing system, comprising measuring means adapted to produce successive data values respectively relating to the measurement of predetermined physical dimensions at successively presented positions along a continuous part of a physical object, control means for controlling the measuring means such that the successive data values respectively relate to measurements carried out at time instants which are randomly or pseudo-randomly distributed, and data processing means for receiving, accumulating and processing the data values and adapted to derive their mean and standard deviation.

Comp. Specn. 13 pages. Drg. 3 sheets.

CLASS 175G 149027.

Int. Cl.-F24h 7/02.

COMPRESSED-AIR STORAGE INSTALLATION.

Applicant : BBC BROWN, BOVARI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventor : DR. HANS PFENNINGER.

Application No. 1482/Cal/77 filed October 6, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A compressed-air storage installation with a heat accumulator for storing heat contained in compressed air, the air then being passed into subterranean caverns, in which within the heat accumulator (9) partitions (13) are provided between a storage medium (12), in particular stones, these partitions forming a number of air passages (14) through which the hot compressed air entering at the centre of the heat accumulator (9) flows in an essentially outward direction, thereby cools and flows on into the cavern (16).

Complete Specn. 11 pages Drg. 1 sheet.

CLASS $172D_5$ 149028.

Int. Cl.-D01h 7/86.

TWO-FOR-ONE DOUBLE TWISTING MACHINE.

Applicant : PALITEX PROJECT-COMPANY GMBH., OF WEESERWEG 8, 4150 KREFELD 1, WEST GERMANY.

Inventor : GUSTAV FRANZEN.

Application No. 1492/Cal/77 filed October 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A two-for-one double twisting machine having a twisting spindle to which is assigned a compressed air actuated threading-in unit adapted to draw a thread, by injector action, into a thread entry tube of the spindle and to propel the thread, by a compressed air jet, through a thread guide duct of a thread storage disk of the spindle; characterised in that a compressed air actuated injection unit can be made available, at the outside of a frame of the machine, to each of several individual twisting stations the twisting spindle being located at one of the stations so that a thread introduced into a zone of suction flow generated by the injection unit is got hold of by this suction flow for as long as an injection nozzle of the injector unit, from which nozzle a compressed air jet leaving the injection unit emerges, is directed towards a space located directly above the thread entry tube of the spindle.

Comp. Specn. 15 pages. Drg. 1 sheet.

CLASS 205B 149029.

Int. Cl.-B29h 17/36, 5/04, B60c 11/00, 21/00.

A METHOD OF SIMULTANEOUSLY RETREADING PLURALITY OF TIRES OF ONE OR MORE SIZES AND PROFILES.

Applicant : VULCAN EQUIPMENT COMPANY LIMITED, OF 95 RESEARCH RODA, TORONTO, ONTARIO M4G 2G9, CANADA.

Inventors : LESLIE BUBIK, TERENCE MALCOLM GOSTYN, BERNARD DOUGLAS ALM.

Application No. 1632/Cal/77 filed November 19, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method of simultaneously retreading plurality of tires of one or more sizes and profiles in a retreading machine as described herein, said method comprising the steps of :

— forming an assembly of a tire to be retreaded, a layer of vulcanizable rubber and a preformed vulcanized thread; enclosing each said tire assembly in an elastic envelope;

— forming a mechanical seal between each said tire assembly within said machine; inflating each said tire to a predetermined pressure to maintain the sealed relationship between each said tire assembly within said machine during the vulcanising process; subjecting each said tire assembly to external heat of at least 200°F and external pressure; said external pressure being less than said predetermined tire inflation pressure; and maintaining said external temperature and pressure until said layer of unvulcanized rubber within each tire assembly is vulcanized.

Comp. Specn. 14 pages. Drg. 2 sheets.

CLASS 66B 149030.

Int. Cl.-F211 15/06.

AN IMPROVED ELECTRIC FLASHLIGHT.

Applicant : UNION CARBIDE INDIA LIMITED, OF 1, MIDDLETON STREET, CALCUTTA-700 016, WEST BENGAL, INDIA.

Inventor : PARTHA DEB PAL.

Application No. 1710/Cal/77 filed December 9, 1977.

Complete Specification left February 24, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An electric flashlight consisting of a head assembly comprising a lens ring, a reflector and a bulb holder; and main body comprising a housing for cells and switch means with a conductor strip characterised in that the main body is closed at bottom and has two oppositely disposed open ended slots in top part while the lens ring in the head assembly has depending oppositely disposed flexible lugs, said lugs having press means that would be located externally of said slots on assembling the flashlight, arrangement being such that when the head assembly is inserted into the housing from top with the lugs pushed towards each other by said press means and released after insertion of head assembly, the lugs get engaged to the side of the housing to secure the head assembly to the main body.

Prov. Specn. 3 pages. Comp. Specn. 5 pages.

Drg. 2 sheets.

CLASS 128K 149031.

Int. Cl.-A61m 1/00.

AN IMPROVED SUCTION EQUIPMENT FOR USE IN HOSPITAL AND SURGICAL THEATRES.

Applicant & Inventor : SUBHASH KUMAR NARULA, 39, NORTH AVENUE, PUNJABI BAGH, NEW DELHI-110026, INDIA.

Application No. 79/Del/78 filed January 28, 1978.

Complete Specification left February 27, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims

An equipment to be worked in combination with suction pumps used in hospitals which consists of a threaded plastic body fixed at the bottom of the cap; a vacuum cut off plunger fixed to a siphon-cut-off valve assembly; the valve body being fixed over a float provided at the bottom and the whole arrangement is such that when the suction pump connected to the said equipment is operated, a vacuum is created and the liquid or fluid to be tapped starts being sucked into the container of the equipment but as soon as the said fluid reaches a particular predetermined level, it causes the float to move upwards thereby forcing the plunger upwards which closes the mouth of the valve and stops further flow of the said fluid into the container under siphon action.

Prov. Specn. 1 page. Comp. Specn. 5 pages.

Drg. 4 sheets.

CLASS 90B 149032.

Int. Cl.-C03b 9/26.

A GLASSWARE FORMING MACHINE.

Applicant : EMHART INDUSTRIES, INC., OF 426 COLT HIGHWAY, FARMINGTON, CONNECTICUT-06032, UNITED STATES OF AMERICA.

Inventor : HERMANN NEBELUNG.

Application No. 233/Cal/78 filed March 3, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

In a glassware forming machine having a linearly reciprocable air driven actuator mechanically connected to a machine cycle, the improvement comprising :

(a) snubber means associated with the axis of oscillation of the machine component,

(b) said snubber means having a housing with an annular chamber container an incompressible fluid,

(c) an annular guide member defining at least two sets of circumaxially spaced openings so arranged that all of said openings are in communication with said annular chamber,

(d) an inner snubber part movable relative to said guide member in response to oscillation of the machine component,

(e) said inner snubber part cooperating with said guide member to define at least one inner chamber, and at least one vane on said inner part to successively close certain of said openings in one of said opening sets, and

(f) said guide member having at least one abutment projecting inwardly thereof and cooperating with said vane to force liquid radially outwardly through those of said certain openings in said one set which have not been closed by said vane to provide a snubbing motion in at least one direction.

Comp. 15 pages. Drg. 2 sheets.

CLASS 85R 149033.

Int. Cl.-C21b 7/20 F27b 1/20.

A SHAFT FURNACE.

Applicant : NIPPON STEEL CORPORATION, OF NO. 6–3, 2-CHOME, OTE-MACHI, CHIYODA-KU, TOKYO, JAPAN.

Inventors : NAOKI OTSUKI AND KATSUYOSHI KOBAYASHI.

Application No. 258/Cal/78 filed March 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A shaft reduction furnace provided with a pressure equalizing chamber for receiving raw materials charged intermittently thereto and for charging the raw materials continuously into the furnace for supplying raw materials such as ore to the shaft furnace, and shaft furnace comprising :

wall means for forming a furnace chamber having generally vertically extending side walls and a dome wall forming a closure for the upper end of said furnace chamber, a dividing plate located within said furnace chamber extending transversely of said side walls and spaced downwardly from said dome wall and dividing said furnace chamber into an upper portion forming an ore storing space and a lower portion and said dividing plate having at least one opening therethrough; at least one axially extending tubular member secured to and extending downwardly from the opening in said dividing plate into the lower portion of said furnace chamber and forming a pipe path extending downwardly from the dividing plate, through which the ore flows downwardly the lower end of said tubular member defining the summit of a charge stock line surface extending transversely across the lower portion of said furnace chamber, said ore storing space and the pipe path in combination constituting an inside ore hopper in said furnace chamber; and an exhaust gas conduit communicating through said side walls to a space formed between the dividing plate and the stock line of the ore charged below the dividing plate in the lower portion of said furnace chamber.

Comp. Specn. 15 pages. Drg. 2 sheets.

CLASS 63B 149034.

Int. Cl.-H02k 3/00.

METHOD OF BRACING WINDING END TURNS OF AN ELECTRIC MACHINE.

Applicant : KRAFTWERK UNION AKTIENGESELLSCHAFT, OF 4330 MULHEIM RUHR, WIESENSTR. 35, GERMAN FEDERAL REPUBLIC.

Inventor : DR. ARNOLD WICHMANN.

Application No. 286/Cal/78 filed March 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method of bracing winding end turns of an electric machine which includes wrapping a first binding tape transversely around a pair of winding bars forming the end turns and disposed spaced from and substantially parallel to one another, wrapping a second binding tape transversely about the wrapped first binding tape in the space between the pair of winding bars so that the wrapped first and second binding tapes and the mutually opposing surfaces of the parallel winding bars define an inner space therewithin, and injecting a flowable, cold hardenable cement mass into the same inner space, but before injecting the cement mass into the inner space introducing into the space between the winding bars at the location of the inner space, subsequently defined by the said wrapped first and second binding tapes and the winding bars, a spacer member defining and predetermining the spacing between the said pair of winding bars and having a shape that affords penetration of the cement mass from a given point of injection to all of the spaces and surfaces defining the spaces within the interior space defined by the said wrapped first and second binding tapes and the pair of winding bars.

Comp. Specn. 10 pages. Drg. 1 sheet.

CLASS 200C 149035.

Int. Cl.-E03b 11/00.

A DEVICE IN THE FORM OF A STRUCTURE FOR CONVEYING WATER.

Applicant & Inventor : MANOHAR LAL SURI, OF 17 CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 474/Cal/78 filed May 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A device in the form of a structure for conveying regulated amount of water comprising a frame consisting a base made of two parts and having removable side walls fitted with said base so as to form an enclosed passageway for the flow of water therethrough, said frame having an inlet end and an outlet end, a slidably engageable gauge post held in between the said side walls at the inlet end thereof such as to control the flow of water flowing through the device, means provided for locking the said guage post in any desired position to have a controlled opening, the said walls at the inlet end being fitted with diverging wings and a cover provided on top of said side walls for preventing any over flow of the device.

Comp. Specn. 10 pages. Drg. 1 sheet.

CLASS 98G 149036.

Int. Cl.-B21d 53/02, B23p 15/26.

PROCESS FOR THE MASS PRODUCTION OF HEAT PIPES.

Applicant : KABEL-UND METALLWERKE GUTEHOFFNUNGSHUTTE AKTIENGESELLSCHAFT, OF 271 VAHRENWALDER STRASSE 271, HANNOVER 3000, GERMANY.

Inventor : PETER ROHNER.

Application No. 484/Cal/79 filed May 10, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Process for the mass production of heat pipes, in which a metal pipe is evacuated, filled with a working medium in an exactly defined manner and sealed vacuum-tight, characterised in that a heat pipe of great length, which is already filled with working medium and is ready to operate, is formed in the manner of a coil or meander, that the individual windings are heated preferably at the lowest point and cooled at the highest point and that the individual windings are made into single items by a separating cut, preferably at the highest point, with simultaneous vacuum-tight sealing of the separation planes, to give a multiplicity of made-up heat pipes.

Comp. Specn. 7 pages. Drg. 1 sheet.

CLASS $70C_5$ & 131C 149037.

Int. Cl.-F21d 15/50, C23b 5/06, C23f 15/00.

PROCESS FOR PROTECTING CHROMIUM PLATED SURFACES OF STEEL ARTICLES.

Applicant : VOEST-ALPINE AKTIENGESELLSCHAFT, OF A-1011 VIENNA, FRIEDRICHSTRASSE, 4, AUSTRIA.

Inventor : FRITZ LUDEWIG.

Application No. 570/Cal/78 filed May 26, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Process for protecting chromium plated surfaces of steel articles, particularly of mine props, against corrosion, characterized in that the chromium plated surfaces are impregnated under vacuum with an impregnating agent and are heated prior or during the impregnating step to a temperature of at least 100°C.

Comp. Specn. 11 pages Drg. 1 sheet.

CLASS 136H 149038.

Int. Cl.-B29c 3/06.

CONTROL SYSTEM FOR A CONTINUOUSLY OPERATING PRESS.

Applicant : EDUARD KUSTERS, OF GUSTAV-FUNDERS-WEG 18, 4150 KREFELD, FEDERAL REPUBLIC OF GERMANY.

Inventor : KARL-HEINZ AHRWEILER.

Application No. 622/Cal/78 filed June 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A control system for a continuously operating press for the production of chipboard, laminated moulding material and the like with two endlessly circulating moulding belts which advance facing each other in a press moulding section and between which the starting material can be compressed in the press moulding portion, each such belt having a separate drive one of the drives being equipped with a speed regulator for maintaining a constant speed, there being a torque regulator which compares the torque of the drive functioning as the leading drive and having the speed regulator with the torque of the second drive and regulates so that the torques constantly maintain an adjustable ratio between them over the entire torque range, there also being a speed regulator associated with the belt drive which does not function as the leading drive, and said speed regulator being set to a value higher than that of the speed regulator of the leading drive and responding to the speed regulator of the leading drive while the speed ratio remains constant.

Comp. Specn. 11 pages. Drg. 1 sheet.

CLASS 98G 149039.

Int. Cl.-F28L 1/00.

A HEAT TRANSFER AND STORAGE SYSTEM.

Applicant : CARRIER CORPORATION, AT SYRACUSE, NEW YORK, UNITED STATES OF AMERICA.

Inventors : RICHARD DUNCAN ROGERS, JAMES PHILIP SCHAFER, THOMAS EDWARD BRENDEL AND DAVID SAWYER WILSON.

Application No. 490/Del/78 filed June 30, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims

A heat transfer and storage system for heating and cooling an enclosure comprising a compressor for compressing vaporous refrigerant; a first heat exchange coil; a refrigerant expansion device; refrigerant flow reversing means; a three medium heat exchanger including a second heat exchange coil, a third heat exchange coil, heat transfer means thermally connecting the second and third coils, and means to pass ambient air over the second and third coils; first connecting means connecting the compressor, the first heat exchange coil, the refrigerant expansion device, the refrigerant flow reversing means, and the second heat exchange coil to form a reversible, vapor compression refrigeration system for transferring heat between the first coil and the three medium heat exchanger, wherein a selected one of the first and second coils is located outside the enclosure and the other one of the first and second coils is located within the enclosure; a heat storage facility for storing a heat transfer fluid; and second connecting means connecting the heat storage facility and the third heat exchange coil, wherein the heat transfer fluid circulates and transfers heat between the heat storage facility and the three medium heat exchanger.

Comp. Specn. 21 pages. Drg. 3 sheets.

CLASS 128 J & $143D_4$ 149040.

Int. Cl.-B65h 54/00, A61b 17/00.

A PACKAGE FOR MULTISTRAND SURGICAL SUTURE.

Applicant : ETHICON, INC., AT SOMERVILLE, NEW JERSEY, U.S.A.

Inventor : ROBERT CERWIN.

Application No. 564/Cal/78 filed May 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A package for multistrand surgical suture providing individual suture delivery comprising a plurality of suture strands in substantially parallel alignment, said suture strands being wound in the configuration of a coil comprising a series of convolutions disposed in sequence from one end of the suture to the other with each convolution being laterally displaced from adjacent convolutions, and retaining means holding the wound suture strands in the aforesaid configuration with one of said suture strands extending from said retaining means, whereby individual suture strands may be grasped and withdrawn from said retaining means.

Comp. Specn. 18 pages. Drg. 2 sheets.

CLASS 90-I 149041.

Int. Cl.-A61g 17/00.

GLASS FIBER STRAND WINDING APPARATUS.

Applicant : NITTO BOSEKI CO., LTD., OF NO. 1, AZA HIGASHI, GONOME, FUKUSHIMA-SHI, FUKUSHIMA, JAPAN.

Inventors : MICHIO SATO, SHIN KASAI AND YUTAKA KAWAGUCHI.

Application No. 663/Cal/78 filed June 15, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A glass fiber strand winding apparatus including a primary strand winding portion and a preliminary strand winding portion wherein the improvement comprises: a flanged portion formed on the outer peripheral end surface of said preliminary winding portion and having a diameter which is greater than that of the preliminary winding portion; and at least one groove axially provided in the preliminary winding portion and the flanged portion for cutting the strand wound on the preliminary winding portion.

Comp. Specn. 9 pages. Drg. 2 sheets.

CLASS 129Q 149042.

Int. Cl.-B23k 11/04, 37/02.

A TRAVELLING WELDING MACHINE FOR WELDING THE TWO ABUTTING ENDS OF RAILS OF A RAILWAY TRACK.

Applicant : FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., OF JOHANNESGASSE 3, VIENNA 1, AUSTRIA.

Inventor : ING. JOSEF THEURER.

Application No. 1198/Cal/78 filed November 6, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A travelling welding machine for welding the two abutting ends of rails of a railway track arranged and, in particular, already laid one after the other in the longitudinal direction of the track, comprising a flash butt welding unit arranged on the chassis of the machine for welding on the left-hand or right-hand rail actuated by hydraulic drive units and a hydraulic weld-bead removing unit, in which the flash butt welding unit, together with the weld-bead removing unit, is arranged between the under-carriage spaced apart from one another in the longitudinal direction of the machine and in that a supporting unit is provided for relieving the rails of the weight of the machine particularly at the end of the chassis of the machine lying in the working direction.
working direction. Drg. 1 sheet.

Com. Specn. 15 pages. Drg. 1 sheet.

CLASS 128G 149043.

Int. Cl.-A47c 23/00, A47c 25/00, A47c 27/00, A62b 1/22.

ORTHOPAEDIC MATTRESS.

Applicant & Inventor : MARIO ROCHA MARTINS, AT RUA DO BELO HORIZONTE, 187, VILA NOVA DE GAIA, PORTUGAL.

Application No. 466/Cal/79 filed May 4, 1979.

Complete Specification left January 14, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

An orthopaedic mattress comprising a base member and a plurality of parallely spaced support elements defining the surface of the mattress, said support element being transversely disposed to the length of said base member, and adjustably mounted over said base member through one or more pair(s) of rows of longitudinally disposed deformable means for adjusting the vertical displacement of said support elements in relation to the base member, and thereby permitting the firmness or flexibility of the mattress surface to be adjusted.

Prov. Specn. 6 pages. Prov. Drg. 3 sheets.
Comp. Specn. 15 pages. Comp. Drg. 3 sheets.

CLASS $32F_3d$ & 40B 149044.

Int. Cl.-C07c 53/26.

A PROCESS FOR THE PREPARATION OF MALEIC ANHYDRIDE.

Applicant : THE STANDARD OIL COMPANY, AT MIDLAND BUILDING, CLEVELAND, OHIO 44115, UNITED STATES OF AMERICA.

Inventors : ERNEST CARL MILBERGER AND EUNICE KIE TENG WONG.

Application No. 164/Del/78 filed March 1, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

25 Claims. No drawings.

A process for the preparation of maleic anhydride comprising contacting a mixture of at least one unsaturated organic compound selected from the group consisting of n-butylenes, 1, 3-butadiene, crotonaldehyde and furan and an oxygen-containing gas such as herein described with a catalyst at a temperature in the range of from 250°C to 600°C, under a pressure of from 1 to 500 psi, and wherein the molar ratio of oxygen to the organic compound is in the range of from 2 : 1 to 40 : 1, the improvement comprising : using as the catalyst a catalyst of the formula $A_aE_cMo_nSb_fO_x$ wherein A is at least one element selected from the group consisting of niobium, zirconium, titanium and tantalum; E is a member selected from the group consisting of hydrazine hydrate, a finely divided metal of molybdenum, tungsten, magnesium, aluminium, or nickel; and wherein a is a number from 0.01 to 6; c is a number from 0 to 0.2; e and f are numbers from 1 to 9; x is a number which satisfies the valence requirements of the other elements present; and wherein at least 5% of the molybdenum in the catalyst is maintained at a valence state below +6; said catalyst optionally containing one or more elements selected from the group consisting of lithium, silver, cerium, cadmium, cobalt, arsenic, silicon, zinc, germanium, bismuth, ruthenium, platinum and uranium.

Comp. Specn. 23 pages. Drgs. Nil.

CLASS 89 & 126D 149045.

Int. Cl.-G01l 23/00.

A PRESSURE AND DIFFERENTIAL PRESSURE INDICATOR.

Applicant & Inventor : SYED BURHANUDDIN, C/O BHARAT HEAVY ELECTRICALS LTD., OF 46-C, CHOWRINGHEE ROAD, CALCUTTA-16, WEST BENGAL, INDIA.

Application No. 313/Cal/77 filed March 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A pressure and differential pressure indicator comprising a glass tube manometer with a single electrically conducting plate embracing externally a limb or arm of said manometer, a conducting liquid disposed within said limb, lead wires connected to said conducting liquid and plate an such as to form an arm of a capacitance bridge, the variation in area between said liquid and conducting plate providing a change in capacitance, a recorder or instrument is provided and coupled through a A.C. amplifier, rectifier and a filter for measuring the signal generated by said bridge and a crystal oscillator being coupled to said bridge.

Comp. Specn. 7 pages. Drg. 1 sheet.

CLASS 129G 149046.

Int. Cl.-B23k 7/00.

METHOD AND APPARATUS FOR MAKING AN INSTANTANEOUS THERMOCHEMICAL START.

Applicant : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK, 10017, UNITED STATES OF AMERICA.

Inventors : STEPHEN AUGUST ENGEL, RONALD ELMER EUHRHOP.

Application No. 686/Cal/77 filed May 9, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

39 Claims

A method for making an instantaneous thermochemical start on the surface of a metal workpiece to be scarfed comprising the steps of :

(a) contacting a preselected spot on said surface where the scarfing reaction is to begin with a laser beam to bring such spot to its ignition temperature;

(b) impinging a high intensity jet of oxygen gas on said surface at said spot, thereby causing an instantaneous scarfing reaction to begin and a molten puddle to form at said spot; and

(c) continuing the impingement of a high intensity jet of oxygen on said puddle until said puddle has spread to a preselected width.

Comp. Specn. 38 pages. Drg. 9 sheets.

CLASS 63C & D 149047.

Int. Cl.-H02k 5/00, 27/28.

A VOLTAGE REGULATOR AND BRUSH ASSEMBLY FOR A DYNAMO ELECTRIC MACHINE AND AN ALTERNATOR INCLUDING THE SAME.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM B 19 2XF, ENGLAND.

Inventors : MAURICE JAMES ALLPORT AND ROGER VICTOR FREDERICK SMITH.

Application No. 1525/Cal/77 filed October 18, 1977.

Convention date October 23, 1976/(44097/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A voltage regulator and brush assembly for a dynamo electric machine, comprising (1) a voltage regulator having an electrically conductive casing, and (2) an electrically insulating brush housing having brushes mounted in the housing and springs biassing the brushes, whercin (a) electrically conductive member mounted on the brush housing are electrically connected to the respective brushes and serve as abutments for the springs (b) the casing has an electrically conductive apertured flange projecting therefrom, and (c) a fixing screw serves to secure t flange in electrical connection with one of the electrically conductive members, and to secure said one of the electrically conductive members to the brush housing.

Comp. Specn. 10 pages. Drg. 2 sheets.

CLASS 14A, 149048.

Int. C-.lH01m 1/00.

AN APPARATUS FOR ASSEMBLING BANK OF BATTERY ELECTRODES.

Applicant & Inventors : IVAN ALEXANDROVICH KOLOSOV, ULITSA ASTRAKHANSKAYA, 118, KV. 54, SARATOV, USSR, (2) JURY EGOROVICH IVANYATOV, ULITSA M. Z. TONSKAYA, 21, SARATOV, USSR AND VALERY NIKOLAEVICH KOSHOLKIN NOVO-ASTRAKHANSKOE SHOSSE, 43, KV. 47, SARATOV, USSR.

Application No. 1581/Cal/77 filed November 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An apparatus for assembling banks of battery electrodes by sorting the electrodes into an old number of groups of different thicknesses, (thin, medium, thick) so that the thickness of two medium electrodes is equal to the sum of thicknesses of one thin and one thick electrode which are equidistant from the medium electrodes; installing the piles of medium electrodes in alternating polarity and in any number whereas the piles of equidistant thin and thick electrodes, in pairs only; then simultaneously taking the electrodes one from each pile, and moving in a horizontal plane, being connected consecutively into a bank of a preset thickness is characterised by that the apparatus comprising a bed which mounts feeders accommodating replaceable holders with electrodes, said feeders incoporating a mechanism for maintaining automatically the upper level of electrode pile in the holders; arranged above said feeders is an assembling mechanism comprising a shaft, one end of which is connected to a drive which is mounted on the bed and reciprocates said shaft vertically (relative to the bed) in alternation with a full revolution around its axis whereas the other end of the shaft carries radially-mounted grips made with a provision for being disengaged at a certain working stroke of the assembling mechanism by a readjustable kinematic linkage which can disengage some of said grips during a present working cycle of the assembling mechanism; installed on said bed between said feeders is a fixed stop in the form of a work which removes consecutively said electrodes from said grips of the assembling mechanism; located near said feeders is a mechanism for unloading the assembled banks, said mechanism being actuated by the drive of said assembling mechanism and operating after a present number of working strokes.

Comp. Specn. 13 pages. Drg. 4 sheets.

PATENTS SEALED

146207 146588 146654 146758 146778 146787 146959 147711 147719 147722 147736 147743 147745 147746 147747 148146 148174 148175 148202 148203 148225.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

137075 .. M/s. National Research Development Corporation of India.

RENEWAL FEES PAID

103466 106243 106647 106989 107012 107976 108295 111509 111732 111780 111891 112117 112225 112258 112367 115091 116752 117018 117253 117266 117340 117368 119263 119965 120560 122445 122368 122379 122423 122444 122601 122643 122843 122872 122901 122907 122979 123146 123192 123279 123707 126465 126595 127725 127738 127795 127835 127853 127857 127883 127958 127981 128000 128061 128082 128330 128493 128508 128548 132198 132265 132296 132311 132312 132357 132384 132385 132391 132393 132415 132435 132486 132576 132743 132798 132812 132916 135743 135751 136024 136123 136494 136975 137000 137292 137478 137878 137984 138037 138071 138078 138237 138251 138365 138854 138975 139002 139160 139592 139625 139644 139747 139831 139964 139968 140085 140113 140135 140299 140445 140495 140700 140717 140721 140795 140863 141228 141290 141291 141401 141439 141533 141543 141556 141698 141765 142073 142123 142159 142236 142340 142396 142469 142688 142702 142808 143153 143166 143525 143561 144019 144313 144453 144549 144569 144617 144858 144872 144935 145246 145700 145776 145812 145818 145859 145950 146030 146365 146483 146513 146625 146681 146704 146753 146812 146813 146891 147069 147162 147168 147175 147226 147245 147251 147255 147273 147278 147342 147351 147383 147469 147491 147523 147529 147534 147554 147558 147568 147585 147587 147631 147651 147668 147782 148173.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 113465 granted to Gorresen's Pty. Limited for an invention relating to "coal slurry process for manufacture of cement in vertical kilns". The patent ceased on the 5th December, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 4th October, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road Calcutta-17 on or before the 22nd October 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 149777. Dresser Industries, Inc. of The Dresser Building Elm and Akard Streets, Post Office Box 718, Dallas, Texas-75221, United States of America. "Fuel Dispenser". August 11, 1980.

Class 1. No. 149779. Dresser Industries, Inc. of The Dresser Building Elm and Akard Streets, Post Office Box 718, Dallas, Texas-75221, United States of America. "Fuel Dispenser". August 11, 1980.

Class 1. No. 149835. Ideal Jawa (India) Private Limited an Indian Company of Industrial Estate, Mysore-570002, Karnatak (India). "Twin Cam for Motor-Cycle". August 21, 1980.

Class 1. No. 150059. Snowcem India Limited, an Indian Company of Killick House, Charanjit Rai Marg, Bombay-400001, State of Maharashtra, India. "Container". October 14, 1980.

Class 1. No. 150060. Snowcem India Limited, an Indian Company of Killick House, Charanjit Rai Marg, Bombay-400001, State of Maharashtra, India. "Container". October 14, 1980.

Class 1. No. 150217. Amika Enterprise, 204, Shivam Apartments, J.P. Road, Andheri (West), Bombay-400058, Maharashtra, an Indian Partnership Firm. "Vegetable Cutter". December 16, 1980.

Class 3. No. 149969. Kalpana Industries, an Indian Partnership Firm of 405, Byculla Industrial Estate, Sussex Road, Near Victoria Garden, Bombay-400027, Maharashtra, India. "Executive Desk Calender". September 26, 1980.

Class 3. No. 150094. Emcee (India) Rubber Company, Street No. 10, Samaypur, Delhi-110042, an Indian Partnership Concern. "Mats". October 29, 1980.

Class 3. No. 150196. M. R. Toys, an Indian Partnership Concern of 7126, Gali Telian, Quasabpura, Delhi-110006. "Toy (tractor)". December 5. 1980.

Class 3. No. 150218. Ankur Enterprises, c/o. Tarun Plastics, Rajabahadur Mansion, 3rd floor, 24-B. Hamam Street, Bombay-400001, Maharashtra, an Indian Partnership Firm. "Gas Lighter". December 16 1980.

Name Index of applicants for Patents for the month of May, 1981 (Nos. 457/Cal/81 to 585/Cal/81, 118/Bom/81 to 150/Bom/81, 87/Mas/81 to 108/Mas/81 and 266/Del/81 to 345/Del/81).

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A

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Acharya, N. S.—142/Bom/81.
Agarwal, R. H.—146/Bom/81.
Ahmad, S. M.—323/Del/81.
Ahmedabad Textile Industry's Research Association.—132/Bom/81.
Aiyer, B.S.S.R.—90/Mas/81.
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Albany International Corporation.546/Cal/81.
Alex, B. (Mrs.).—104/Mas/81.
Almalyxky Gormo-Metallurgichesky Kombinat.—531/Cal/81.
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F

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Indian Institute of Technology.—105/Mas/81.
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M

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Research Director, Cancer Research Institute.—141/Bom/81.
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Roy, S.—476/Cal/81.
Rubery Owen-Rockwell Limited.—275/Del/81.

Name	*Appln. No.*

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Sanofi.—560/Cal/81.
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